

# TSV-3SB

## 1 GHz 130 dB EMI CATV Vertical Splitters



TSV-3SB  
(front view)

### Features

- Broadband 5~1000MHz frequency range
- Vertical port design allows close mounting in lock boxes for easy access of cable connections
- 1-inch centered 1/2" long precision machined F-connector threads ensure improved port-to-connector interface and accommodate external security devices
- TSV-SB series feature a solder-sealed back cover plate, providing maximum EMI-RFI shielding >-130dB and eliminating signal ingress to guarantee distortion-free pictures
- Silver-coated zinc-alloy diecast housing ensures excellent ground bonding and long corrosion-free service life in indoor/outdoor applications
- Capacitor coupling circuitry at all ports provides effective DC voltage blocking
- High-retention seizing pins provide improved connectivity to connector center lead

### Specifications

MHz	TSV-2SB Insertion Loss (max. dB)	TSV-3SB Insertion Loss (max. dB)	TSV-4SB Insertion Loss (max. dB)	TSV-6SB Insertion Loss (max. dB)	TSV-8SB Insertion Loss (max. dB)	Isolation (max. dB)	Input/Output Return Loss (min. dB)	RFI Solder back
5 to 42	3.3	3.3/6.7	6.7	8.6	10.1	35	21	> -130 dB
42 to 860	3.7	3.9/7.0	7.2	10.3	11.0	28	22	> -130 dB
860 to 1000	3.8	4.0/7.6	8	11.0	11.3	30	22	> -130 dB

### Ordering Information

Part Number	Description
TSV-2SB	2-Port Vertical Port Splitter Soldered Back
TSV-3SB	3-Port Vertical Port Splitter Soldered Back
TSV-4SB	4-Port Vertical Port Splitter Soldered Back
TSV-6SB	6-Port Vertical Port Splitter Soldered Back
TSV-8SB	8-Port Vertical Port Splitter Soldered Back

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